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(C) WPI/Derwent

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IN - SUN G; XIAO G; YAN D

MC - A02-A07 A05-J10 A10-D A12-V03 A12-W11A B04-C03

PA - (UYSH-N) UNIV SHANGHAI JIAOTONG

PN - CN1324880 A 20011205 DW200236 C08G65/00 000pp

PR - CN20010113262 20010705

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AB - CN1324880 NOVELTY - The present invention discloses a kind of polyaryl ether ketone with sulfonate pendant group and carboxylate pendant group and its preparation method. The novel polymer is made up by using novel monomer 4,4'-dihalo-(or dinitro)-3,3-disulfonate dibenzophenone, di-halo-(or di-nitro)-di-benzophenone, phenolphthalein and bisphenol monomer as raw materials, using alkali of alkali metal or its salt as catalyst through the process of high-temperature copolymerization in polar solvent or reaction medium with polar solvent as main component. The invented polymer possesses large molecular weight, excellent mechanical property, strong thermoplasticity, small swelling and high permeation selectivity, and can be used as cation component of protein-exchange membrane.  
- (Dwg.0/0)

IW - POLYETHER KETONE PENDANT SULPHONATE RADICAL PENDANT  
CARBOXYLATE  
RADICAL PREPARATION

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INW - SUN G; XIAO G; YAN D

NC - 001

OPD - 2001-07-05

ORD - 2001-12-05

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TI - Polyether ketone with pendant sulfonate radical and pendant carboxylate radical and its preparation